

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.:
0450-0001SERIAL NO.:
09/821,694**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)APPLICANT:
William Daniel HILLISFILING DATE:
March 28, 2001GROUP: **1634**
1645

(37 CFR 1.98(b))

**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	CITE NO.	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>W</i>	AA	4,483,964	11/20/84	Urdea et al.			
	AB	4,517,338	5/14/85	Urdea et al.			
	AC	4,683,195	7/28/87	Mullis et al.			
	AD	4,683,202	7/28/97	Mullis			
	AE	4,786,600	11/22/88	Kramer et al.			
	AF	5,407,798	4/18/95	Martinelli et al.			
	AG	5,437,975	8/1/95	McClelland et al.			
	AH	5,492,806	2/20/96	Drmanac et al.			
	AI	5,503,980	4/2/96	Cantor			
	AJ	5,508,169	4/16/96	Deugau et al.			
	AK	5,525,464	6/11/96	Drmanac et al.			
	AL	5,552,278	9/3/96	Brenner			
	AM	5,695,940	12/9/97	Drmanac et al.			
	AN	5,744,305	4/28/98	Fodor et al.			
	AO	5,834,181	11/10/98	Shuber			
<i>W</i>	AP	6,090,589	7/18/00	Dimond et al.			

EXAMINER SIGNATURE:

W. Hillis

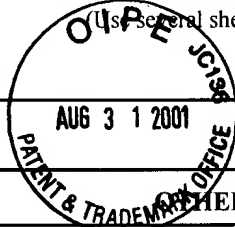
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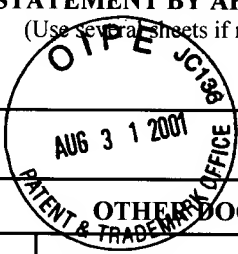
SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.: 0450-0001	SERIAL NO.: 09/821,694
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OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS		
EXAMINER INITIALS	CITE NO.	INCLUDE NAME OF AUTHOR, TITLE OF ARTICLE (IF APPROPRIATE), TITLE OF PUBLICATION, DATE, PAGE(S), VOLUME-ISSUE NUMBER(S), PUBLISHER, AND PLACE OF PUBLICATION
u	AQ	Alper (1994), "Drug Discovery on the Assembly Line," <i>Science</i> <u>264</u> :1399-1401.
↓	AR	Bains (1993), "Characterizing and Sequencing cDNAs using Oligonucleotide Hybridization," <i>J. DNA Sequencing and Mapping</i> <u>4</u> :143-150.
	AS	Brenner et al. (2000), "Gene Expression Analysis by Massivly Parallel Signature Sequencing (MPSS) on Microbead Arrays," <i>Nature Biotechnology</i> <u>18</u> (6):630-634.
	AT	Breslauer et al. (1986), "Predicting DNA Duplex Stability from the Base Sequence," <i>Proc. Natl. Acad. Sci. USA</i> <u>83</u> :3746-3750.
	AU	Church et al. (1998), "Multiplex DNA Sequencing," <i>Science</i> <u>240</u> :185-188.
	AV	Drmanac et al. (1993), "DNA Sequence Determination by Hybridization: A Strategy for Efficient Large-Scale Sequencing," <i>Science</i> <u>260</u> :1649-1652.
	AW	Gyllensten et al. (1988), "Generation of Single-Stranded DNA by the Polymerase Chain Reaction and its Application to Direct Sequencing of the HLA-DQA Locus," <i>Proc. Natl. Acad. Sci. USA</i> . <u>85</u> :7652-7656.
	AX	Liang et al. (1992), "Differential Display of Eukaryotic Messenger RNA by Means of the Polymerase Chain Reaction," <i>Science</i> <u>257</u> :967-971.
	AY	Maxam et al. (1977), "A New Method for Sequencing DNA," <i>Proc. Natl. Acad. Sci. USA</i> <u>74</u> (2):560-564.
	AZ	Milligan et al. (1993), "Current Concepts in Antisense Drug Design," <i>Journal of Medicinal Chemistry</i> <u>36</u> (14):1923-1937.
	BA	Moriyama et al. (1998), "Synthesis and RNA Polymerase Incorporation of the Degenerate Ribonucleotide Analogue rPTP," <i>Nucleic Acids Research</i> <u>26</u> (9):2105-2111.
BB	Needels et al. (1993), "Generation and Screening of an Oligonucleotide-Encoded Synthetic Peptide Library," <i>Proc. Natl. Acad. Sci. USA</i> <u>90</u> :10700-10704.	
BC	Pavlov et al. (1994), "DNA Replication Fidelity with 8-Oxodeoxyguanosine Triphosphate," <i>Biochemistry</i> <u>33</u> :4695-4701.	
BD	Sanger et al. (1977), "DNA Sequencing with Chain-Terminating Inhibitors," <i>Proc. Natl. Acad. Sci. USA</i> <u>74</u> (12):5463-5467.	
↓	BE	Schena et al. (1995), "Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Microarray," <i>Science</i> <u>270</u> :467-469.

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OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS

u	BF	Unrau et al. (1994), "Non-Cloning Amplification of Specific DNA Fragments from Whole Genomic DNA Digests Using DNA 'Indexers,'" <i>Gene</i> <u>145</u> :163-169.
	BG	Velculescu et al. (1995), "Serial Analysis of Gene Expression," <i>Science</i> <u>270</u> :484-486.
	BH	Wallace et al. (1979), "Hybridization of Synthetic Oligodeoxyribonucleotides to ϕ χ 174 DNA: The Effect of Single Base Pair Mismatch," <i>Nucleic Acids Research</i> <u>6</u> (11):3543-3557.
	BI	Wood et al. (1985), "Base Composition-Independent Hybridization in Tetramethylammonium Chloride: A Method for Oligonucleotide Screening of Highly Complex Gene Libraries," <i>Proc. Natl. Acad. Sci. USA</i> <u>82</u> :1585-1588..
	BJ	Zaccolo et al. (1996), "An Approach to Random Mutagenesis of DNA Using Mixtures of Triphosphate Derivatives of Nucleoside Analogues," <i>J. Mol. Biol.</i> <u>255</u> :589-603.
v	BK	Brenner et al. (1992), "Encoded Combinatorial Chemistry," <i>Proc. Natl. Acad. Sci. USA</i> <u>89</u> :5381-5383.

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	CITE NO.	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>u</i>	BL	WO 94/01582	1/20/94	PCT				
<i>↓</i>	BM	WO 95/20053	7/27/95	PCT				
	BN	WO 95/13369	5/18/95	PCT				
	BO	WO 95/27080	10/12/95	PCT				

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1034**OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), Title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
<i>W</i>	BP	Brown et al. (1997), "Random Mutagenesis of DNA Using Deoxynucleoside 5'-Triphosphate Analogues," <i>Amersham Life Science News</i> 23:18-19.	—
<i>W</i>	BQ	Dollinger (1994), "Nonbiological Applications," <i>The Polymerase Chain Reaction</i> , pp. 265-274. Mullis et al., Eds. Birkhauser, Boston.	—

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